

Applicant	Vincentzio I. Roman	<p><b><u>PRELIMINARY</u></b> <b><u>AMENDMENT</u></b></p>
Serial No.	09/183,715	
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Group Art Unit	2683	
Examiner Name	C. Tran	
Attorney Docket No.	100.104US01 (formerly 500.709US1)	
Title: USING ALTERNATE POLARIZATION IN FIXED WIRELESS SYSTEM DEPLOYMENT FOR IMPROVED CAPACITY		

#12/B  
B.D.  
10-11-02

Commissioner for Patents  
Washington, D.C. 20231

Prior to taking the above-identified application under consideration, please amend the application as follows:

**IN THE CLAIMS**

Please amend the claims as follows:

543  
C1  
1. (Twice Amended) A communication system comprising:  
a number of communication circuits disposed to divide a region into communication areas;  
wherein each communication circuit communicates using a first polarization in a first portion of its communication area and communicates using a second, different polarization in a second portion of its communication area; and  
wherein adjacent portions of communication areas between different communication circuits use the same polarization to form communication regions of the same polarization.

543  
C1  
12. (Once Amended) A communication system comprising:  
a number of communication circuits disposed to form substantially linear boundaries between communication regions; and  
wherein the communication circuits use first and second, different polarizations for signals communicated in adjacent regions.